

4.2.H. 0801020808.

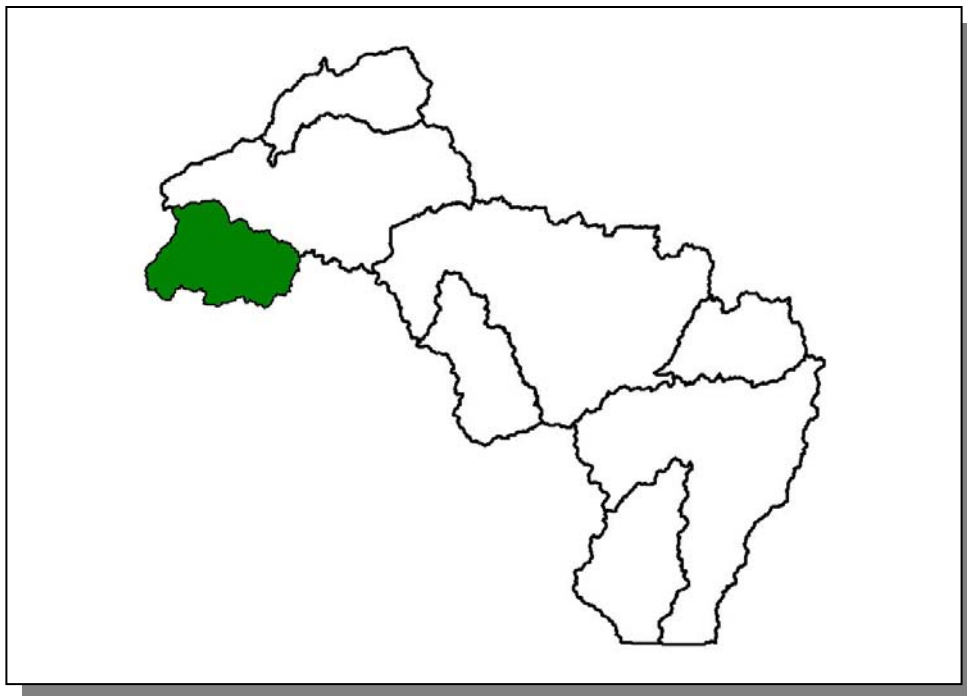


Figure 4-275. Location of Subwatershed 0801020808. All Hatchie River HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.H.i. 080102080801 (Upper Indian Creek).

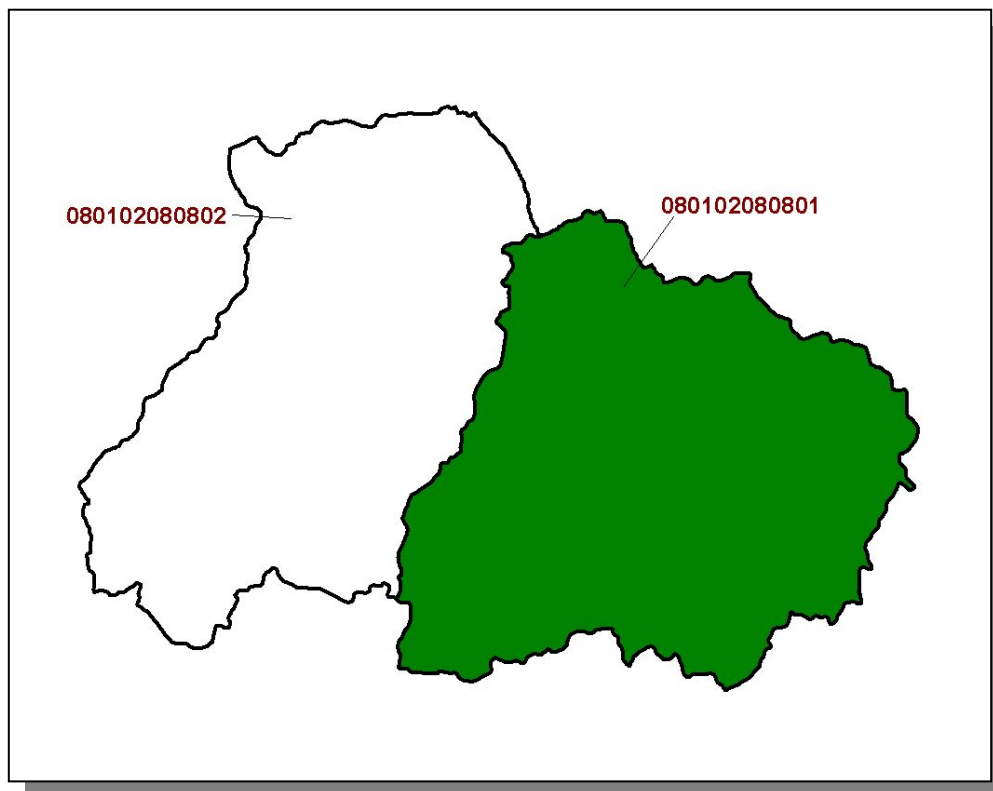


Figure 4-276. Location of Subwatershed 080102080801. All HUC-12 subwatershed boundaries in Tennessee are shown for reference.

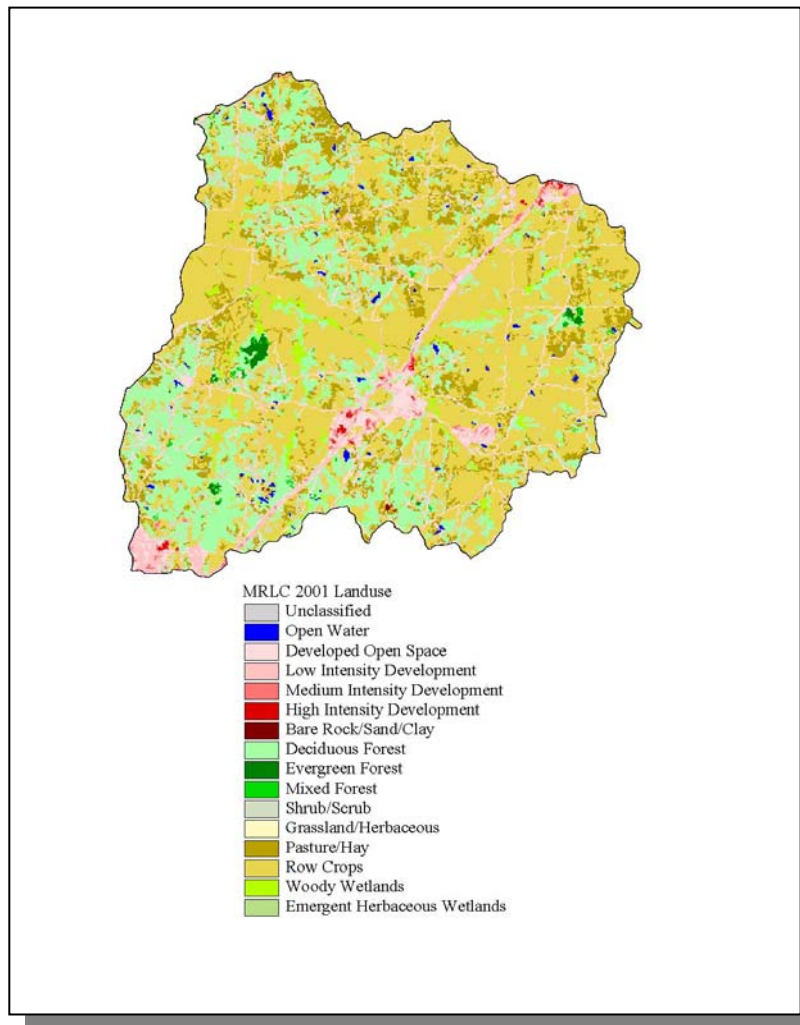


Figure 4-277. Illustration of Land Use Distribution in Subwatershed 080102080801.

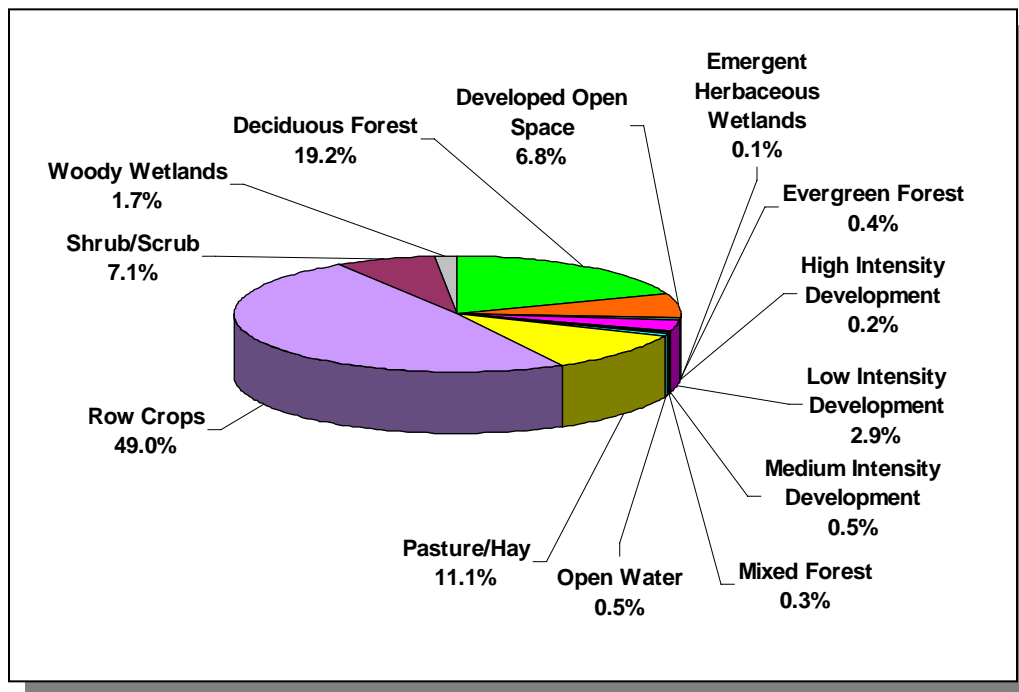


Figure 4-278. Land Use Distribution in Subwatershed 080102080801. More information is provided in Appendix IV.

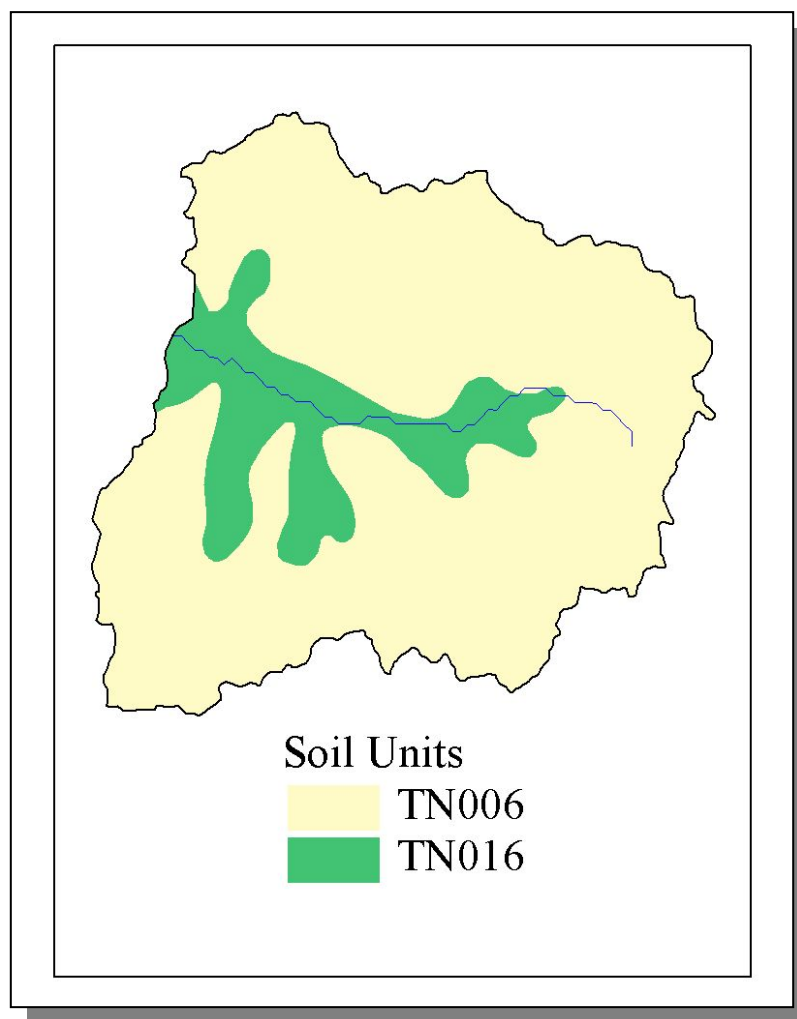


Figure 4-279. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080801.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN006	0.00	C	1.30	5.42	Silty Loam	0.48
TN016	0.00	C	1.30	6.47	Silty Loam	0.44

Table 4-252. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080801. The definition of "Hydrologic Group" is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Tipton	37,568	45,986	51,271	11.51	4,326	5,295	5,903	36.5

Table 4-253. Population Estimates in Subwatershed 080102080801

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Atoka	Tipton	648	280	110	169	1
Brighton	Tipton	742	330	35	288	7
Burlison	Tipton	364	165	14	138	13
Covington	Tipton	7,487	2,920	2,717	203	0
Garland	Tipton	181	77	13	59	5
Munford	Tipton	2,331	894	785	104	5
Total		11,753	4,666	3,674	961	31

Table 4-254. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102080801.

4.2.H.i.a. Point Source Contributions.

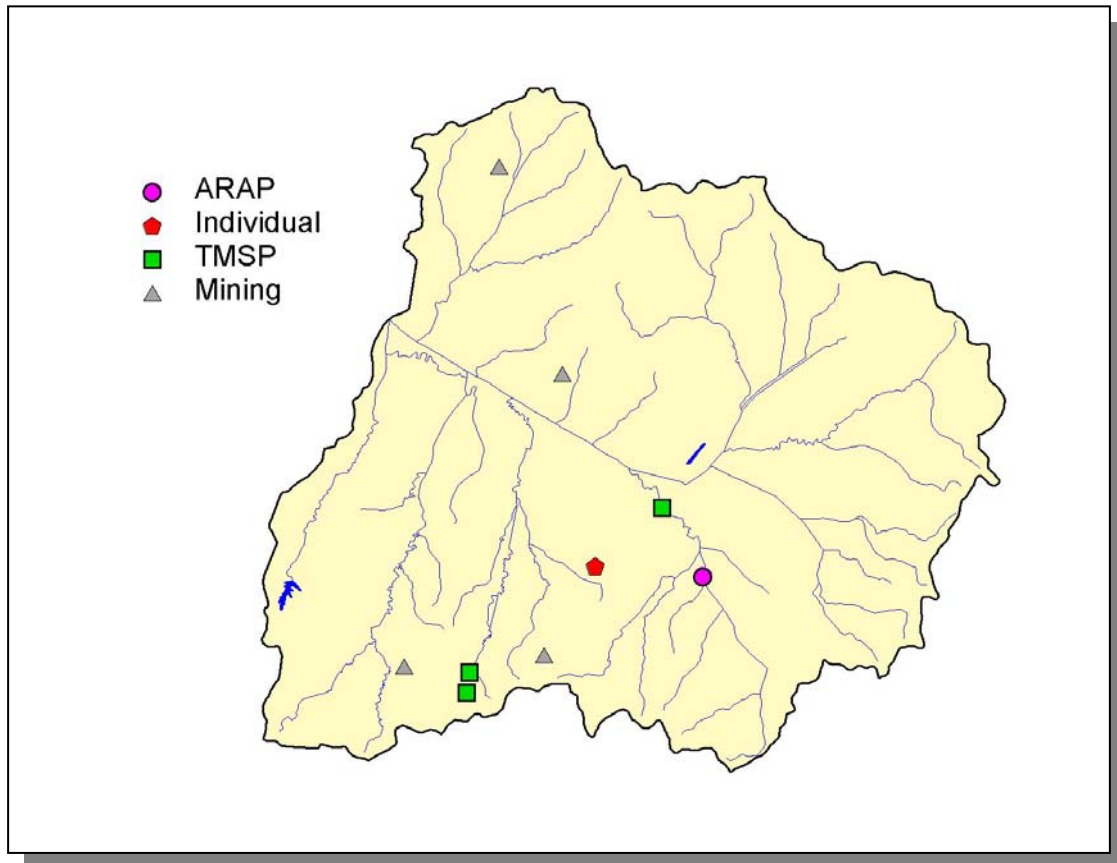


Figure 4-280. Location of Permits Issued in Subwatershed 080102080801. More information, including the names of facilities, is provided in Appendix IV.



Figure 4-281. Location of Active NPDES Sites in Subwatershed 080102080801. More information, including the names of facilities, is provided in Appendix IV.

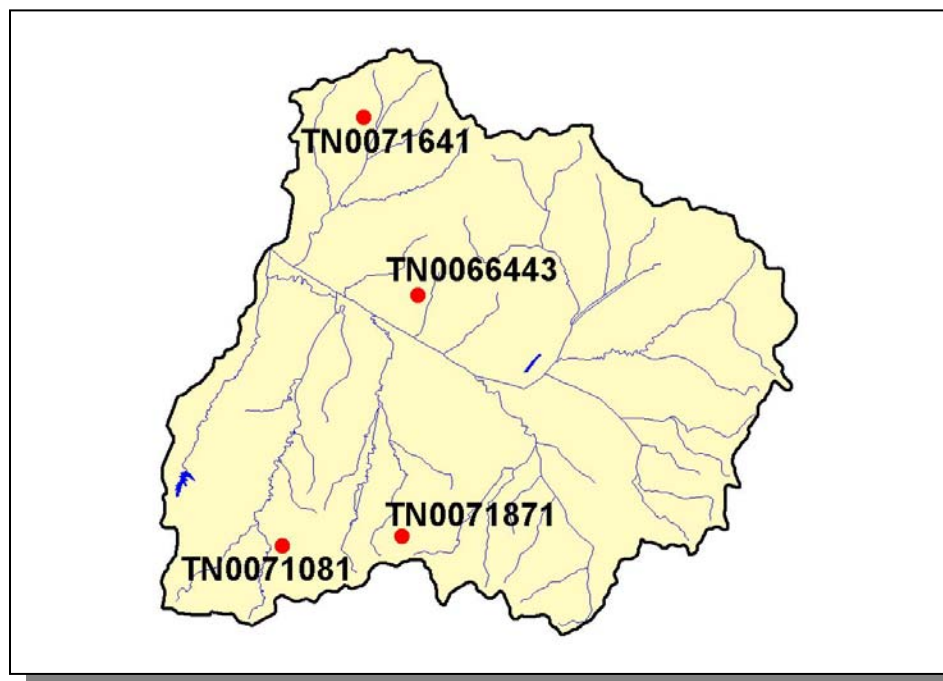


Figure 4-282. Location of Active Mining Sites in Subwatershed 080102080801. More information, including the names of mining operations, is provided in Appendix IV.



Figure 4-283. Location of Aquatic Resource Alteration Permit (ARAP) Sites (Individual Permits) in Subwatershed 080102080801. More information is provided in Appendix IV.

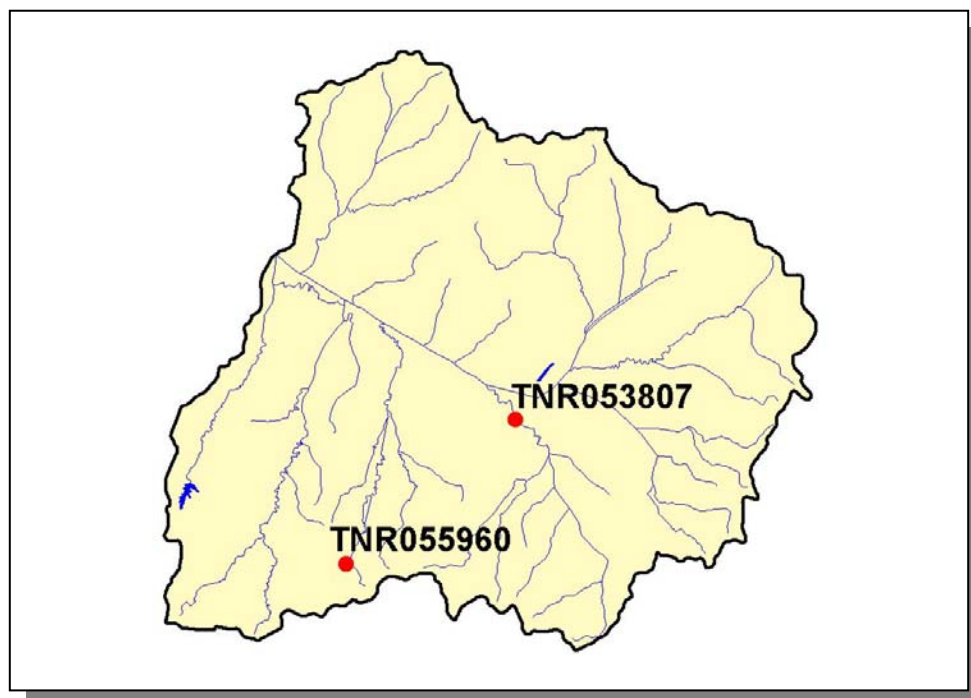


Figure 4-284. Location of TMSP Sites in Subwatershed 080102080801. More information, including the names of facilities, is provided in Appendix IV.

4.2.H.i.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS					
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
810	1,463	<5	<5	37	13

Table 4-255. Summary of Livestock Count Estimates in Subwatershed 080102080801. According to the 1997 Census of Agriculture (<http://www.agcensus.usda.gov/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
Tipton	5,422	9,796	14	334	251	86

Table 4-256. Summary of Livestock Count Estimates in Tipton County. According to the 1997 Census of Agriculture (<http://www.agcensus.usda.gov/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Tipton	50.9	50.9	1.0	5.6

Table 4-257. Forest Acreage and Annual Removal Rates (1987-1994) in Tipton County.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.84
Grass (Hayland)	2.09
Legumes (Hayland)	0.54
Grass, Forbs, Legumes (Mixed Pasture)	1.01
Cotton (Row Crops)	16.59
Soybeans (Row Crops)	18.74
Other Vegetable and Truck Crops	21.48
Other Cropland not Planted	0.22
Conservation Reserve Program Lands	1.05
Farmsteads and Ranch Headquarters	0.69

Table 4-258. Annual Estimated Total Soil Loss in Subwatershed 080102080801.

4.2.H.ii. 080102080802 (Lower Indian Creek).

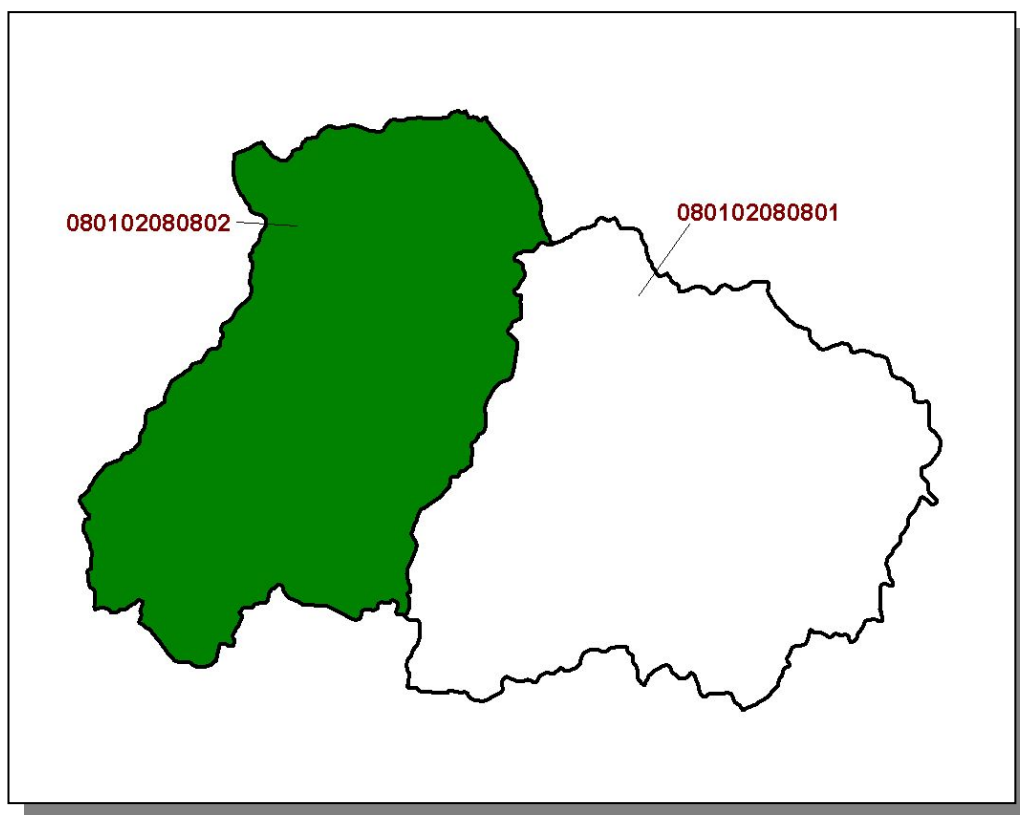


Figure 4-285. Location of Subwatershed 080102080802. All HUC-12 subwatershed boundaries in Tennessee are shown for reference.

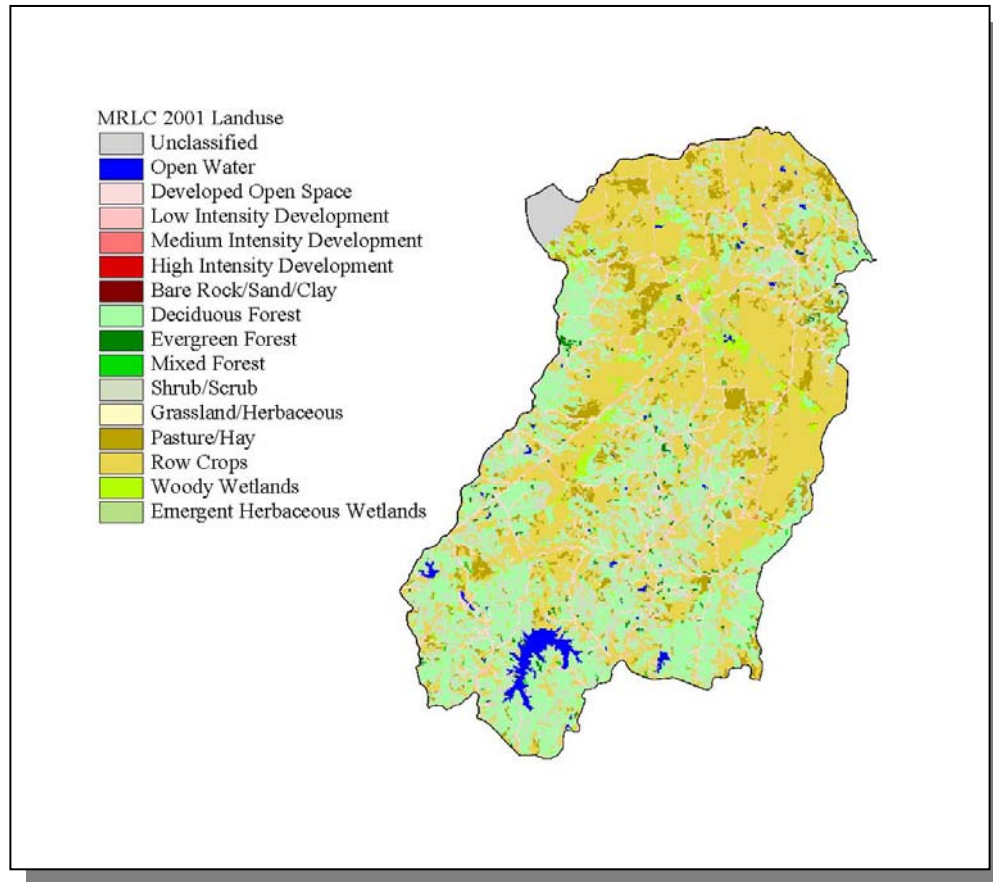


Figure 4-286. Illustration of Land Use Distribution in Subwatershed 080102080802.

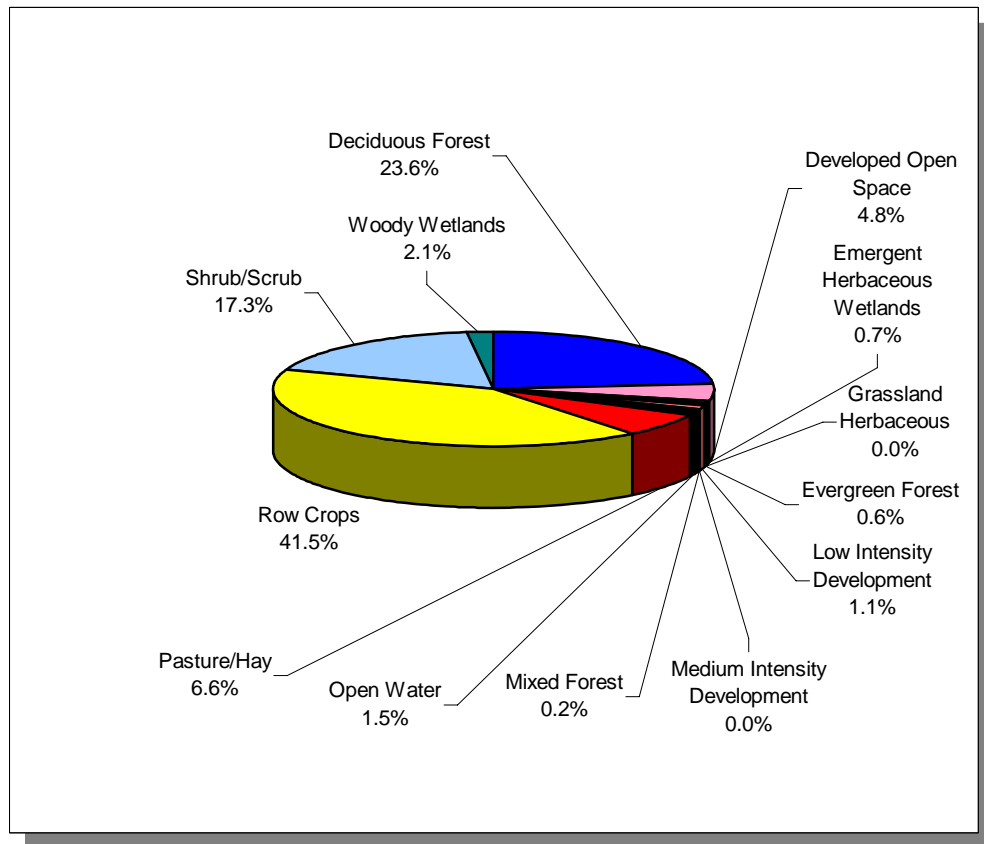


Figure 4-287. Land Use Distribution in Subwatershed 080102080802. More information is provided in Appendix IV.

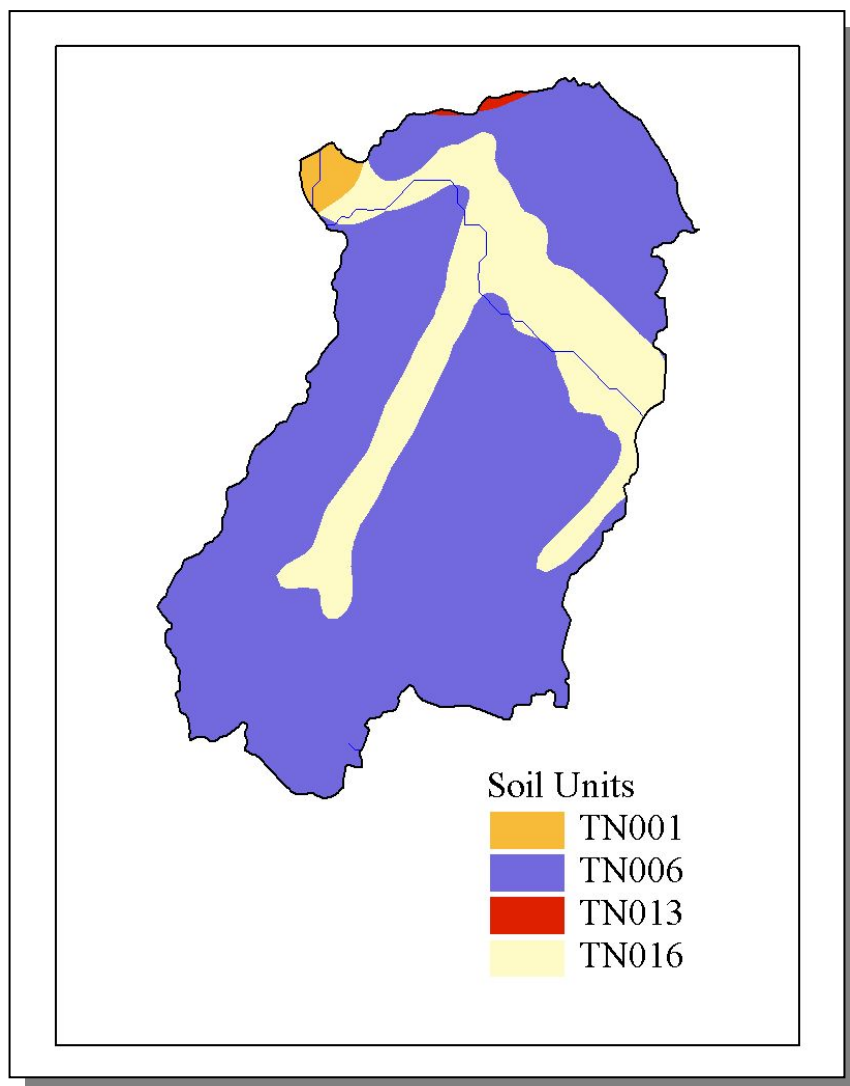


Figure 4-288. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080802.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN001	14.00	C	2.31	7.00	Silty Loam	0.33
TN006	0.00	C	1.30	5.42	Silty Loam	0.48
TN013	72.00	C	1.30	5.44	Silty Loam	0.46
TN016	0.00	C	1.30	6.47	Silty Loam	0.44

Table 4-259. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 080102080802. The definition of "Hydrologic Group" is provided in Appendix IV.

County	COUNTY POPULATION			Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED			% Change (1990-2000)
	1990	1997	2000		1990	1997	2000	
Tipton	37,568	45,986	51,271	10.15	3,811	4,666	5,202	36.5

Table 4-260. Population Estimates in Subwatershed 080102080802.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Burlison	Tipton	364	165	14	138	13
Gilt Edge	Tipton	453	177	0	173	4
Total		817	342	14	311	17

Table 4-261. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 080102080802.

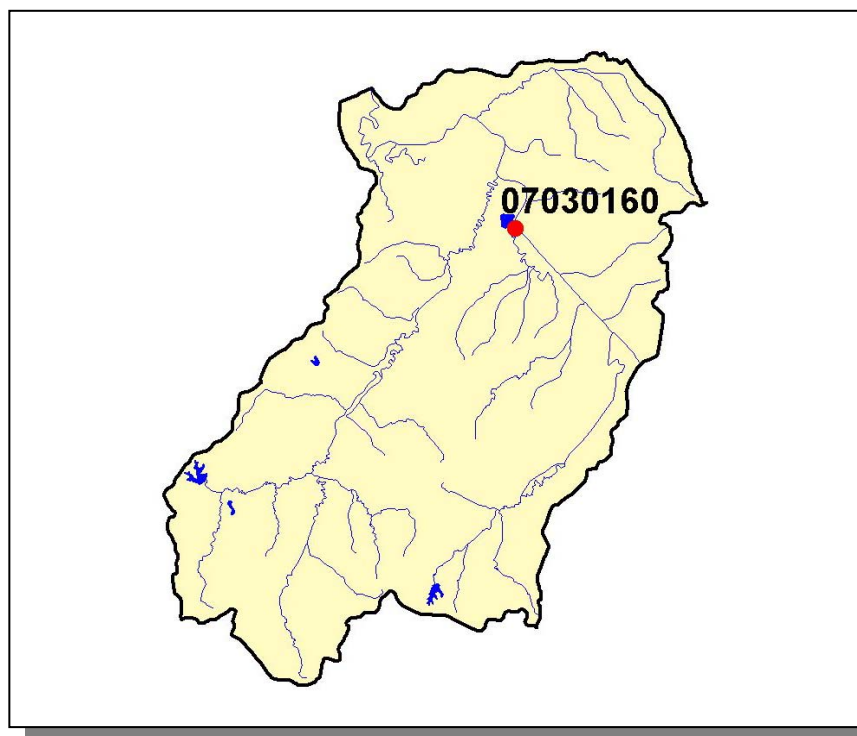


Figure 4-289. Location of Historical Streamflow Data Collection Sites in Subwatershed 080102080802. More information is provided in Appendix IV.

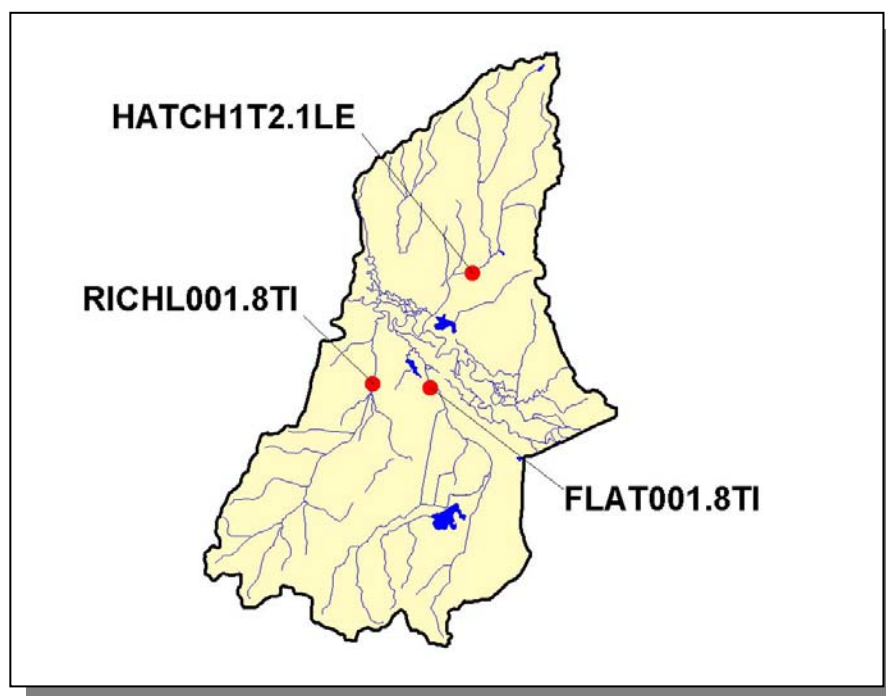


Figure 4-290. Location of Monitoring Sites in EPA's STORET Database in Subwatershed 080102080802. More information, including site names and locations, is provided in Appendix IV.

4.2.H.ii.a. Point Source Contributions.

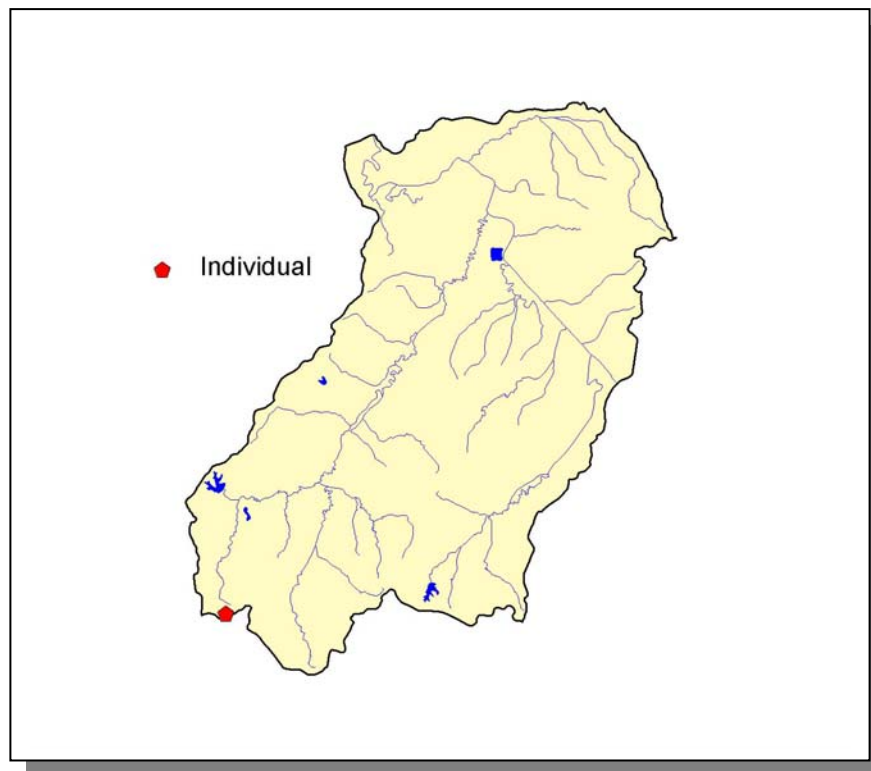


Figure 4-291. Location of Permits Issued in Subwatershed 080102080802. More information, including the names of facilities, is provided in Appendix IV.

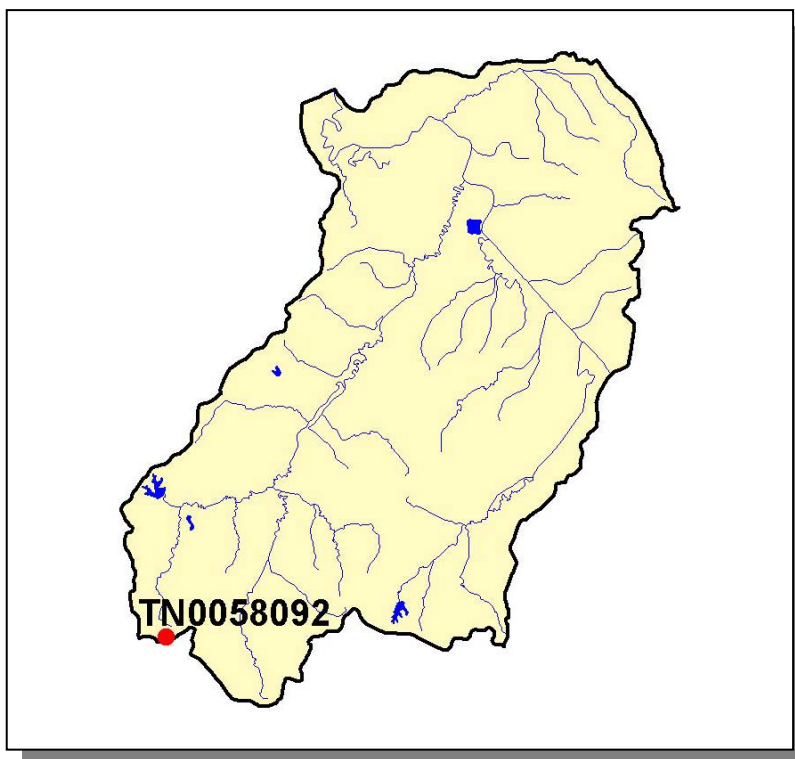


Figure 4-292. Location of Active NPDES Sites in Subwatershed 080102080802. More information, including the names of facilities, is provided in Appendix IV.

4.2.H.ii.b. Nonpoint Source Contributions.

LIVESTOCK COUNTS					
Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
659	1,191	<5	<5	31	10

Table 4-262. Summary of Livestock Count Estimates in Subwatershed 080102080802. According to the 1997 Census of Agriculture (<http://www.agcensus.usda.gov/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

LIVESTOCK COUNTS						
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Hogs	Sheep
Tipton	5,422	9,796	14	334	251	86

Table 4-263. Summary of Livestock Count Estimates in Tipton County. According to the 1997 Census of Agriculture (<http://www.agcensus.usda.gov/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Tipton	50.9	50.9	1.0	5.6

Table 4-264. Forest Acreage and Annual Removal Rates (1987-1994) in Tipton County.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.84
Grass (Hayland)	2.09
Legumes (Hayland)	0.54
Grass, Forbs, Legumes (Mixed Pasture)	1.01
Cotton (Row Crops)	16.59
Soybeans (Row Crops)	18.74
Other Vegetable and Truck Crops	21.48
Other Cropland not Planted	0.22
Conservation Reserve Program Lands	1.05
Farmsteads and Ranch Headquarters	0.69

Table 4-265. Annual Estimated Total Soil Loss in Subwatershed 080102080802.